

# INTERNATIONAL SEARCH REPORT

Intern Application No  
PCT/GB 03/03510

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC 7 G01S3/54 G01S13/76 608B21/02		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) IPC 7 G01S G08B		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, PAJ, WPI Data		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 714 932 A (CASTELLON ROBERTO J ET AL) 3 February 1998 (1998-02-03) column 3, line 56 - line 62 column 4, line 56 -column 8, line 29 column 10, line 10 - line 67 column 16, line 33 - line 43 figure 3	1-46
A	WO 01 44830 A (FAVRE PATRICK ;DECLERCQ MICHEL (CH); ECOLE POLYTECH (CH)) 21 June 2001 (2001-06-21) page 7, line 18 -page 8, line 15 figure 2	1-46
A	US 5 945 947 A (CUNNINGHAM DAVID C) 31 August 1999 (1999-08-31) abstract figure 1	1-46
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<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family		
Date of the actual completion of the international search 3 December 2003		Date of mailing of the international search report 13/01/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax (+31-70) 340-3016		Authorized officer Ó Donnabháin, C

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 317 120 A (BENTLEY W FERREL ET AL) 23 February 1982 (1982-02-23) column 2, line 44 - line 55 column 5, line 25 - line 28 claim 1 -----	3,15,33
A	US 5 525 967 A (AZIZI S MASIH ET AL) 11 June 1996 (1996-06-11) claim 1 -----	1-46
P,X	WO 02 073562 A (VISER TECHNOLOGIES LLC) 19 September 2002 (2002-09-19) the whole document -----	1-46

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5714932	A	03-02-1998	NONE	
WO 0144830	A	21-06-2001	FR 2802651 A1 AU 1686101 A WO 0144830 A1	22-06-2001 25-06-2001 21-06-2001
US 5945947	A	31-08-1999	NONE	
US 4317120	A	23-02-1982	NONE	
US 5525967	A	11-06-1996	NONE	
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